ABSTRACT

A method for reading a graphic pattern by illuminating the graphic pattern with at least two groups of light sources, each of the at least two groups of light sources having at least one light source operating according to an illumination cycle that comprises an illumination cycle-portion and a non-illumination cycle-portion. The light sources of one of the at least two groups of light sources are activated according to equal illumination cycles. The illumination cycles of the light sources belong to different ones of the at least two groups of light sources having a reciprocally different timing. Light is gathered from the light sources having been diffused by the graphic pattern on a sensor having a plurality of sensitive points. Light impinging on the plurality of sensitive points is converted, through a conversion cycle of the sensor, point by point into electric signals representative of single points of the graphic pattern, at a same time for all of the plurality of sensitive points.